

FIG. 1

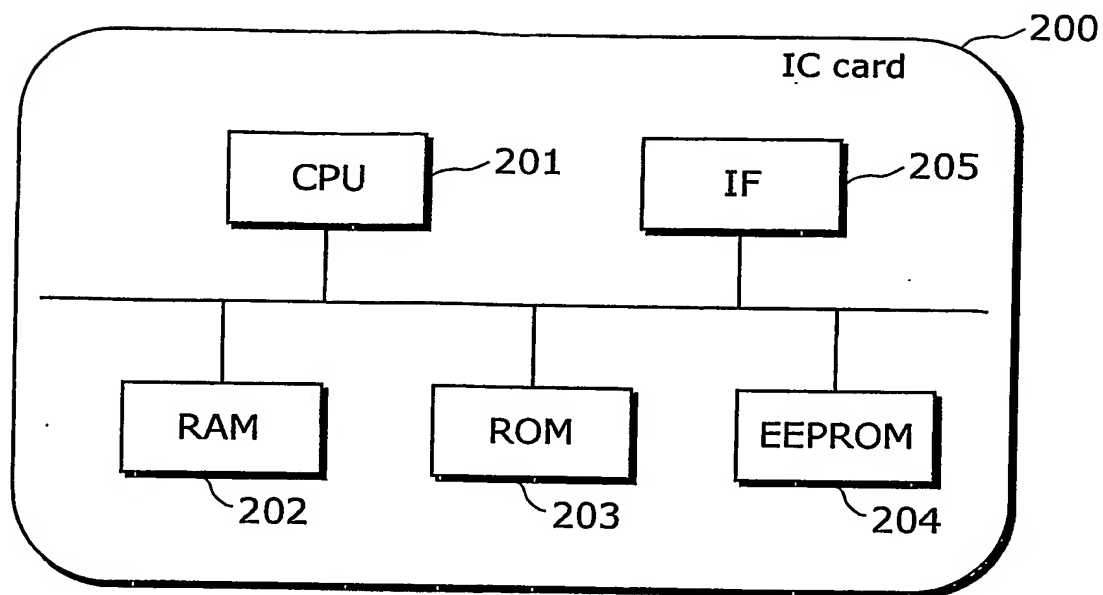


FIG. 2

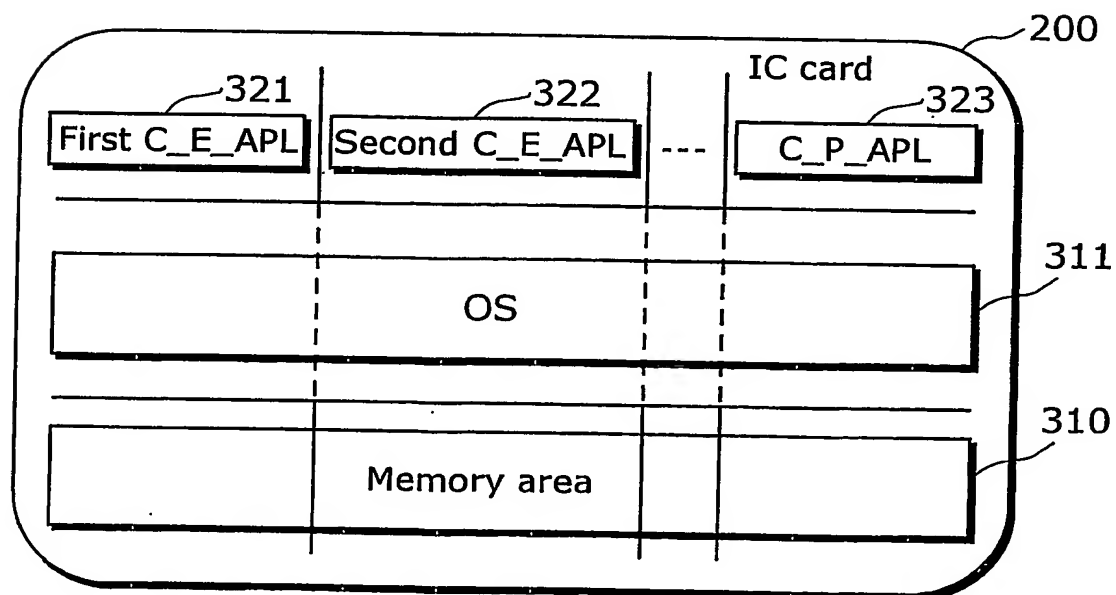


FIG. 3

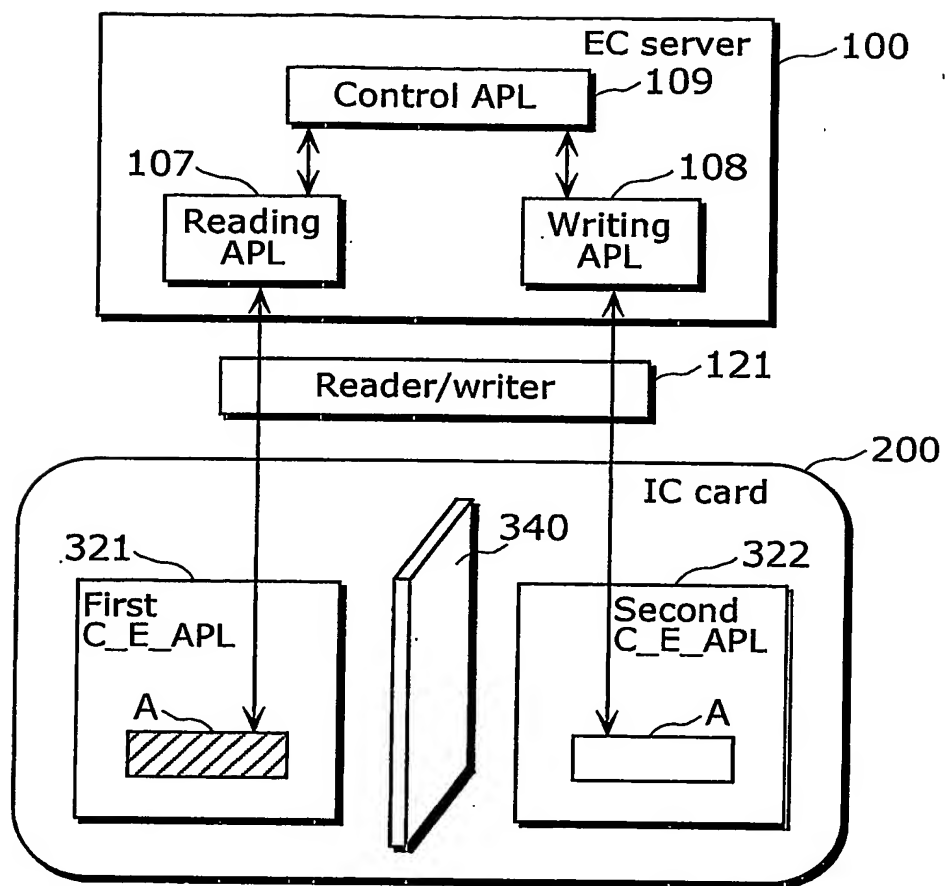


FIG. 4

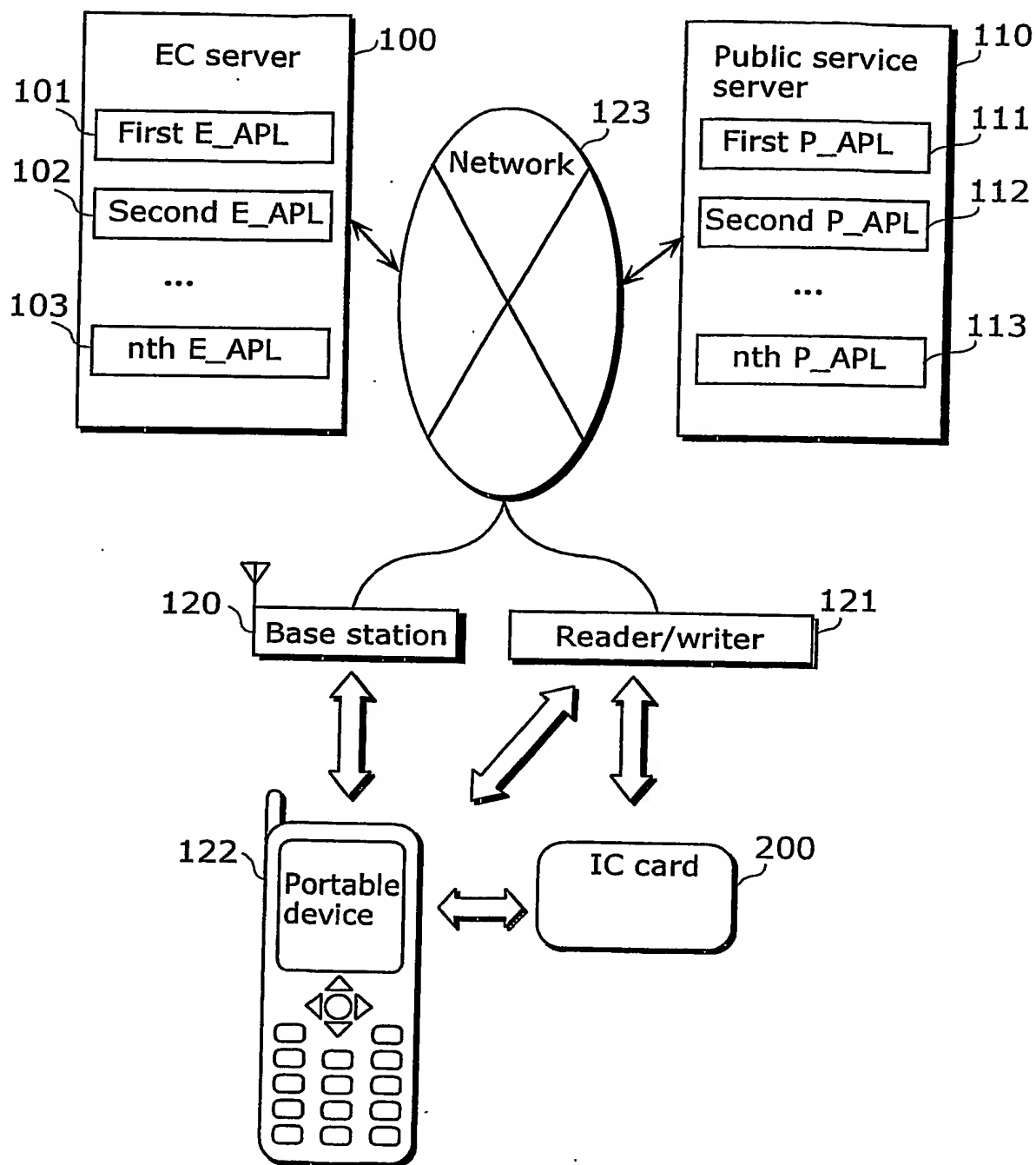


FIG. 5

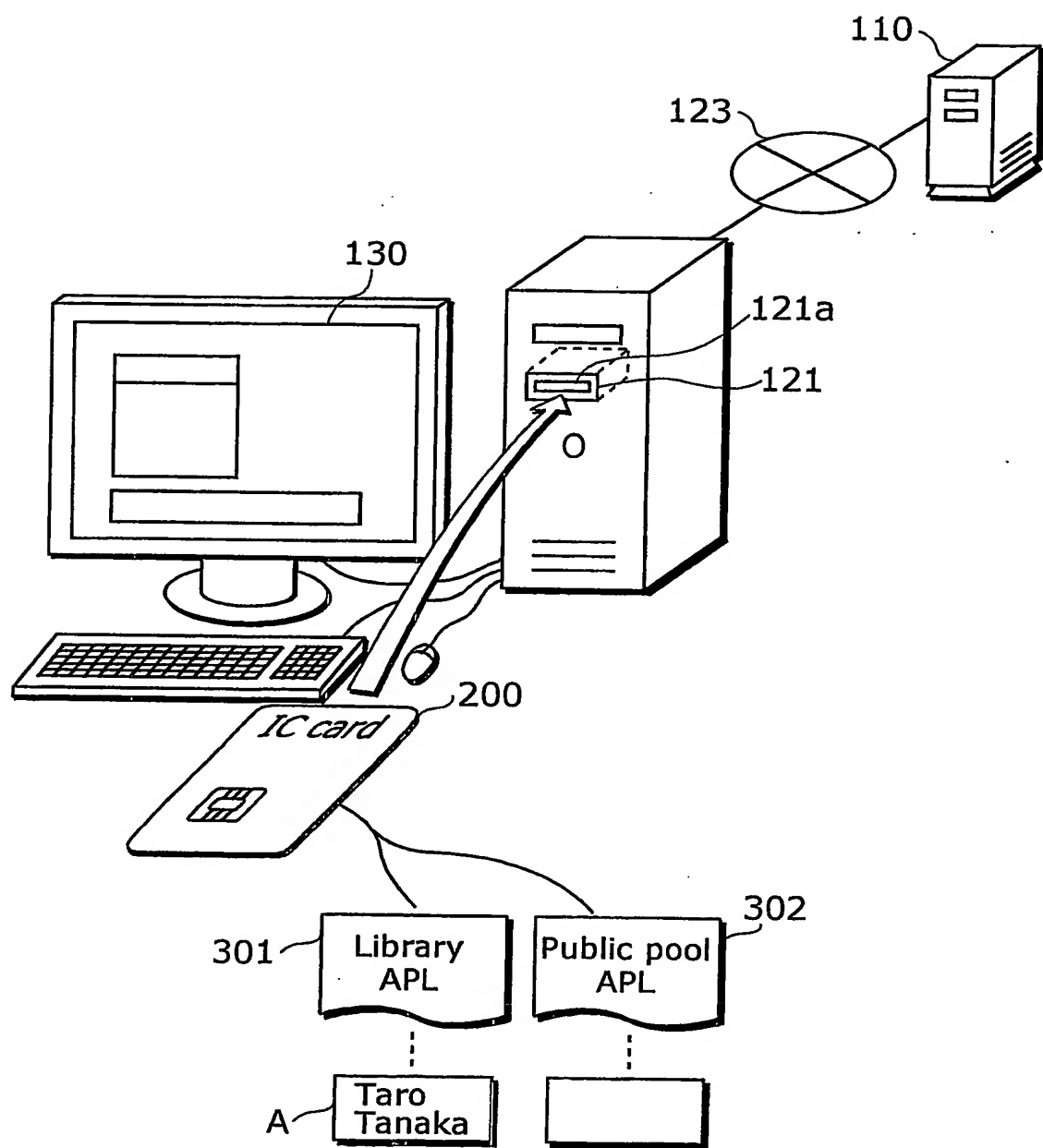
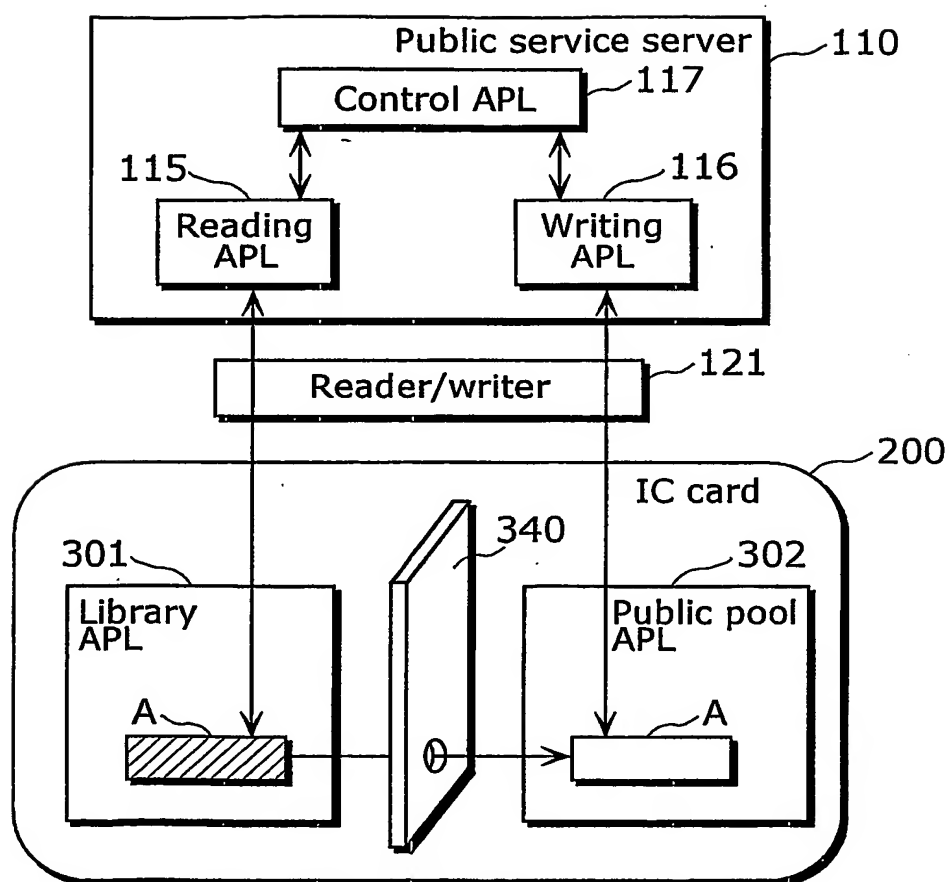


FIG. 6



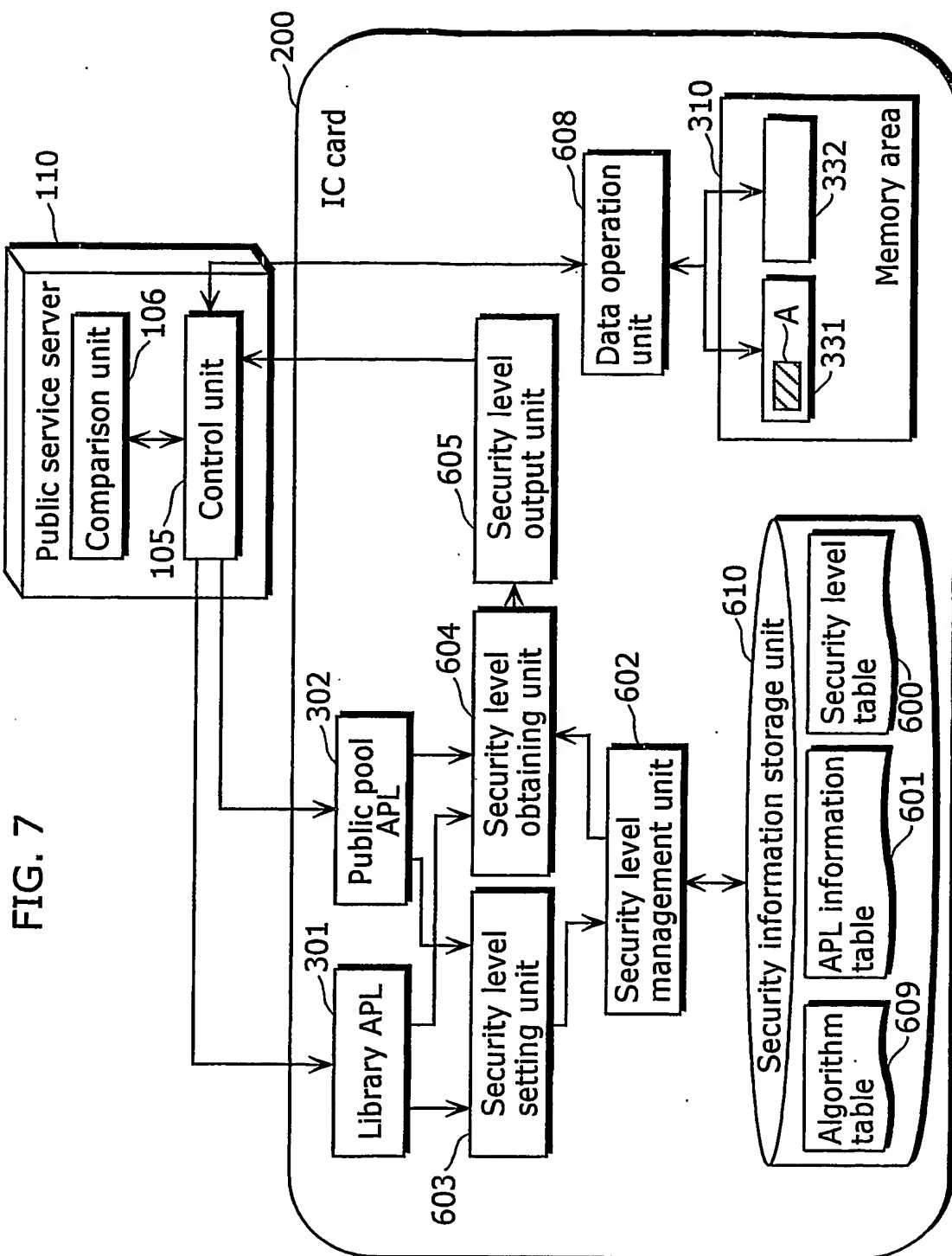


FIG. 8

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| Security level table | | |
|----------------------|-------|----------------------|
| Level | Value | Encryption algorithm |
| Strong | 03h | Triple-DES |
| Medium | 02h | DES |
| Weak | 01h | AES |
| None | 00h | No encryption |

FIG. 9

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| Algorithm table | |
|-----------------|----------------------|
| Number | Encryption algorithm |
| 0 | Triple-DES |
| 1 | DES |
| 2 | AES |
| 3 | No encryption |

FIG. 10

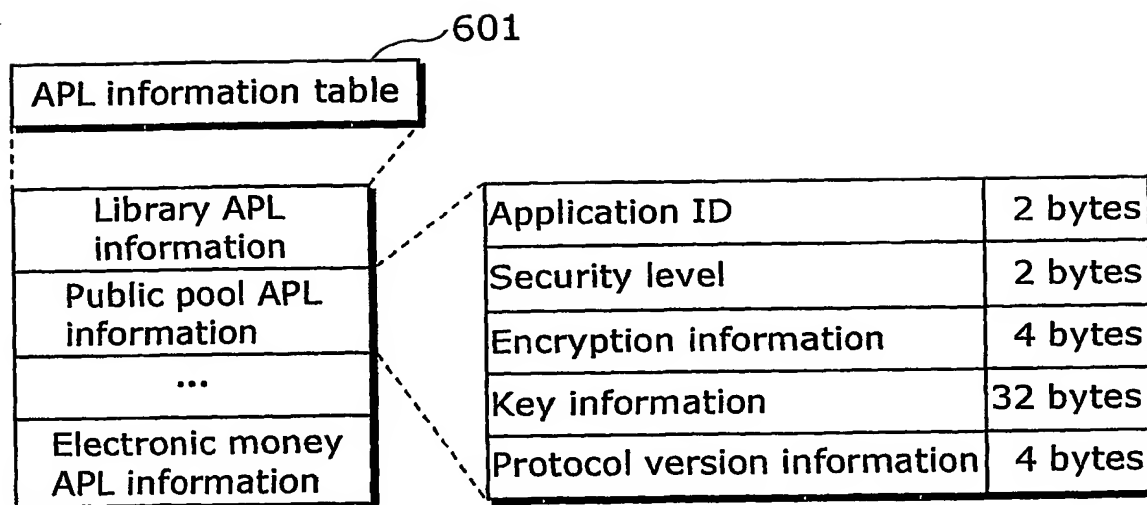


FIG. 11

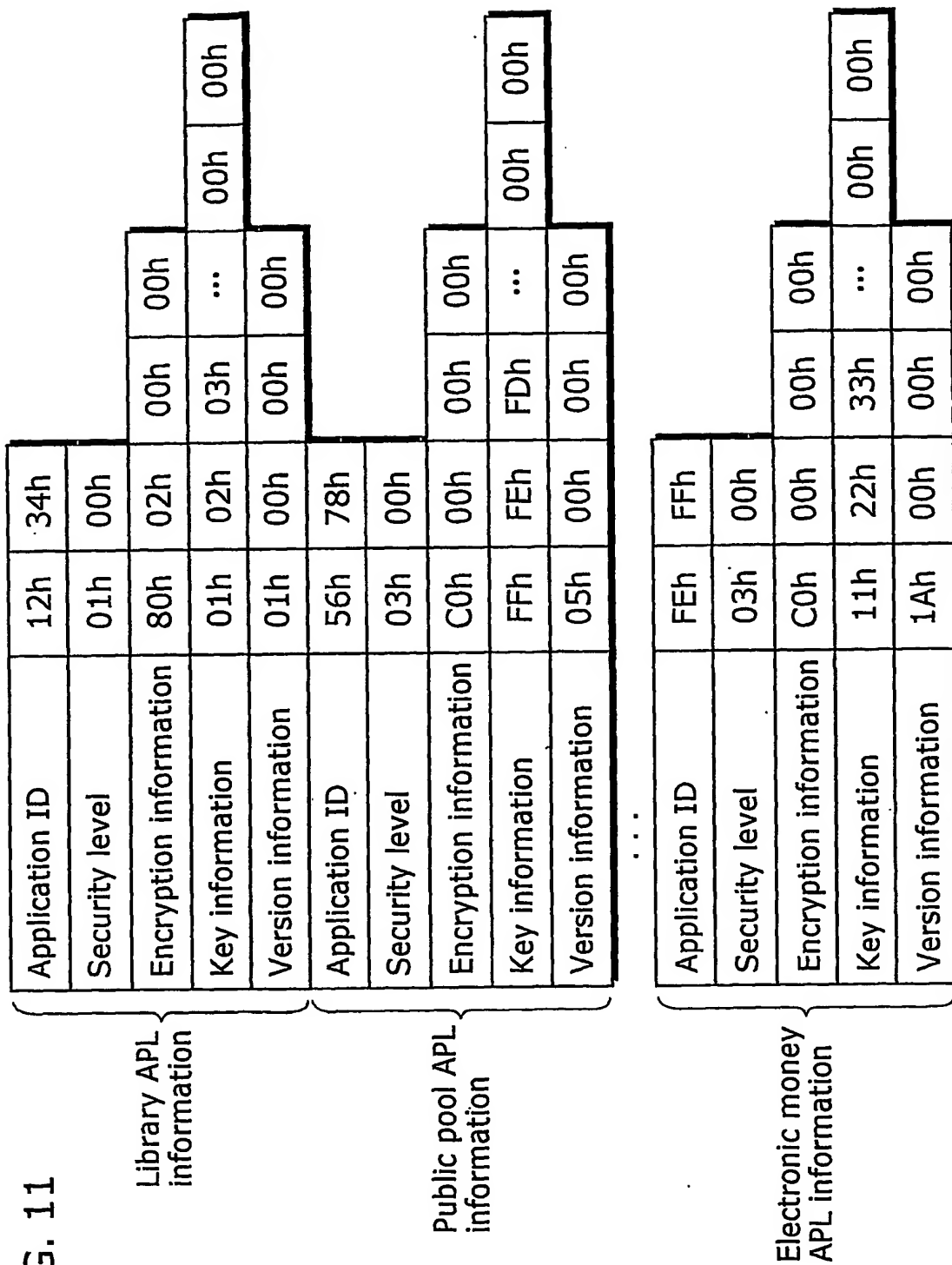


FIG. 12

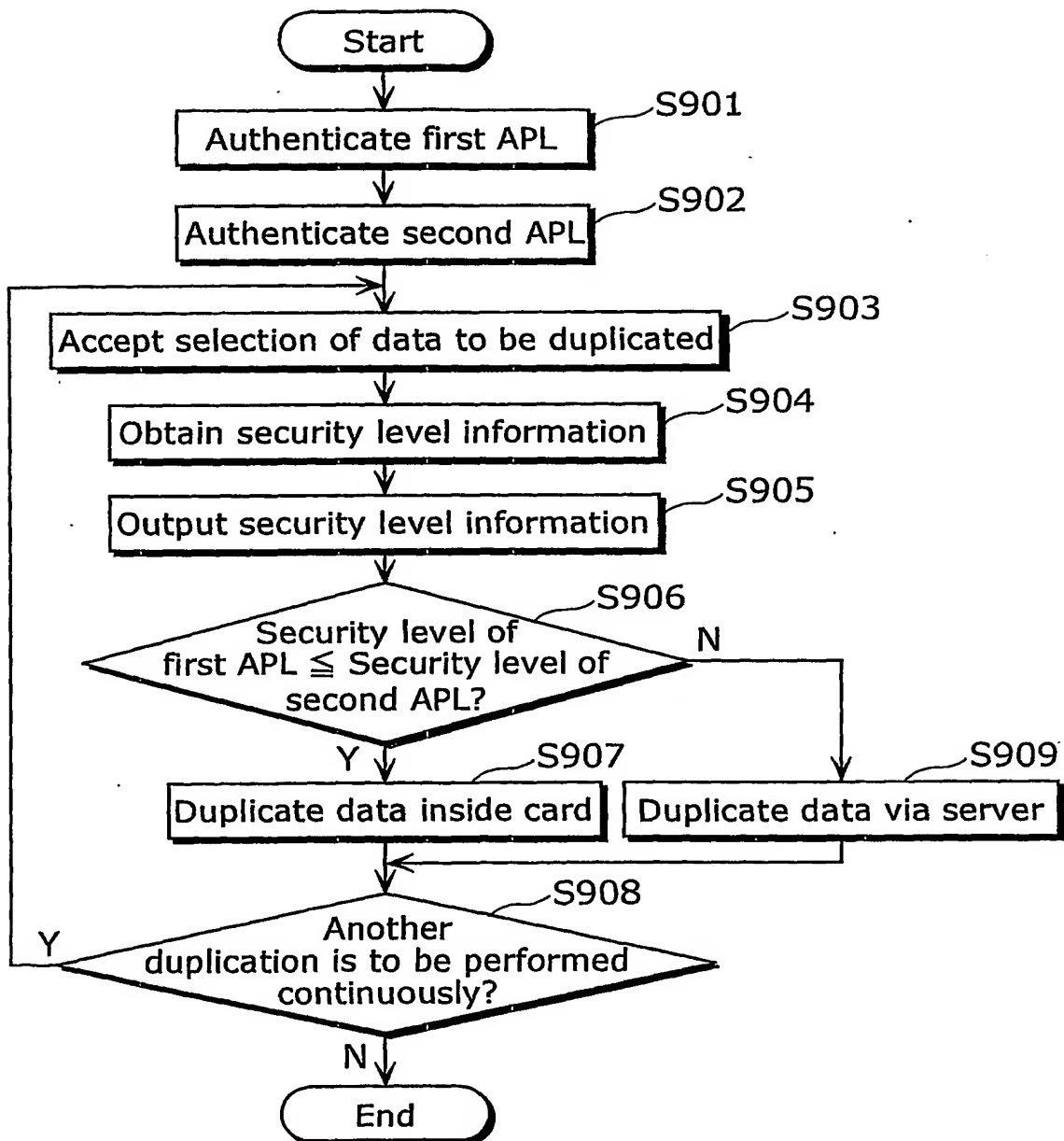


FIG. 13

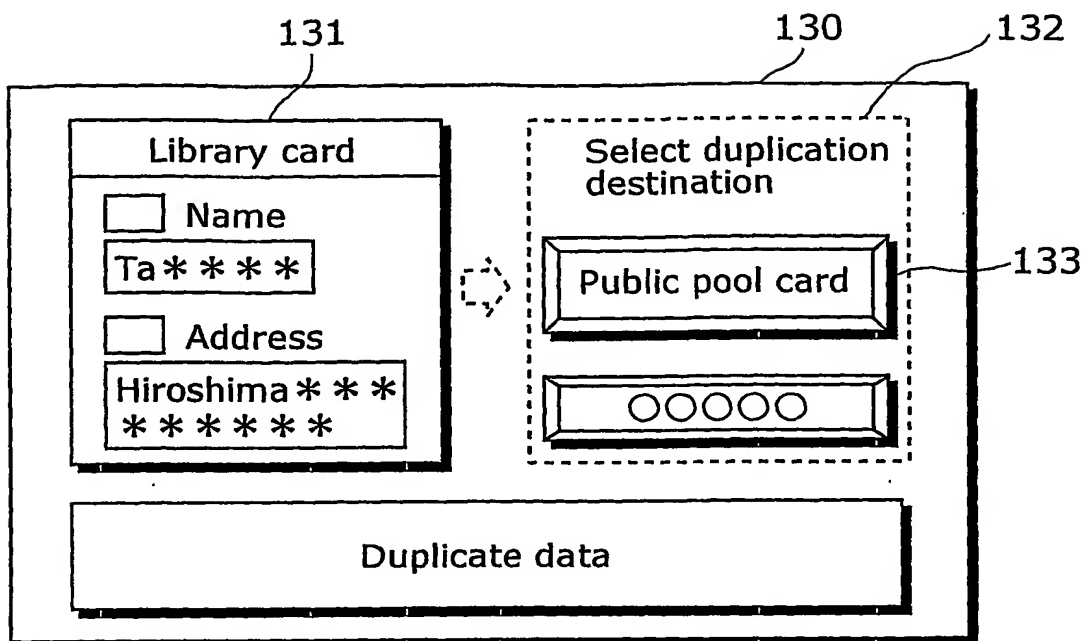


FIG. 14

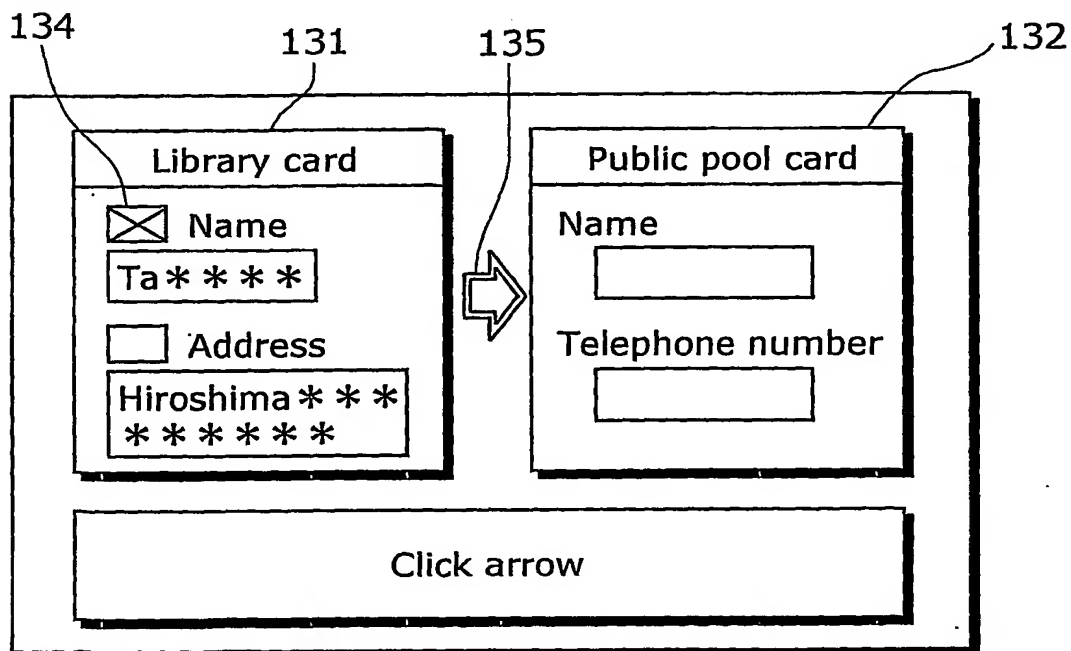


FIG. 15

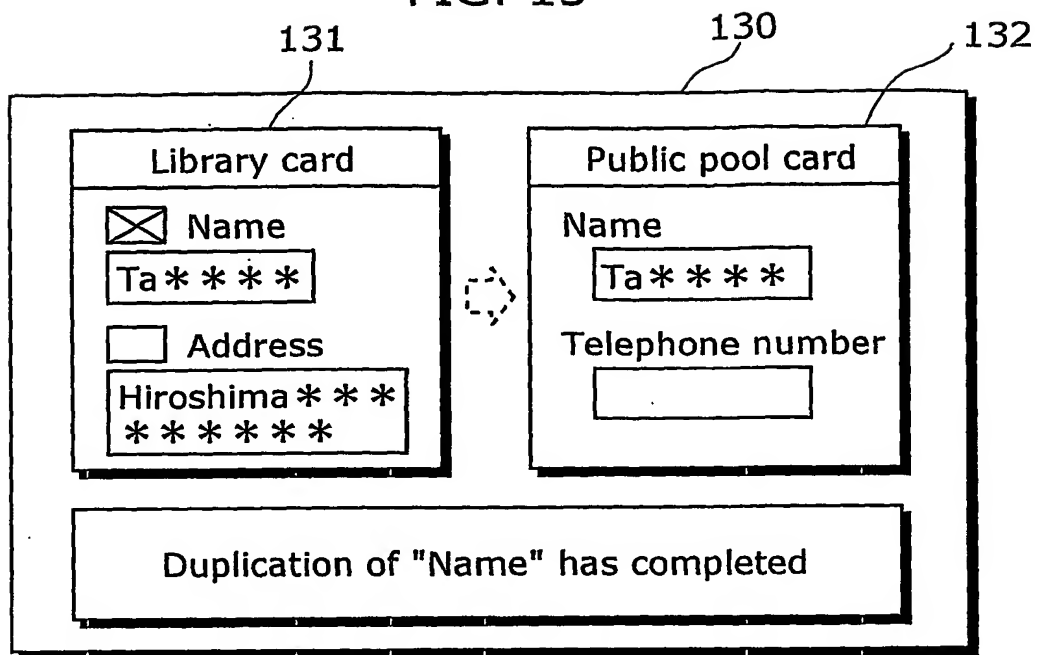
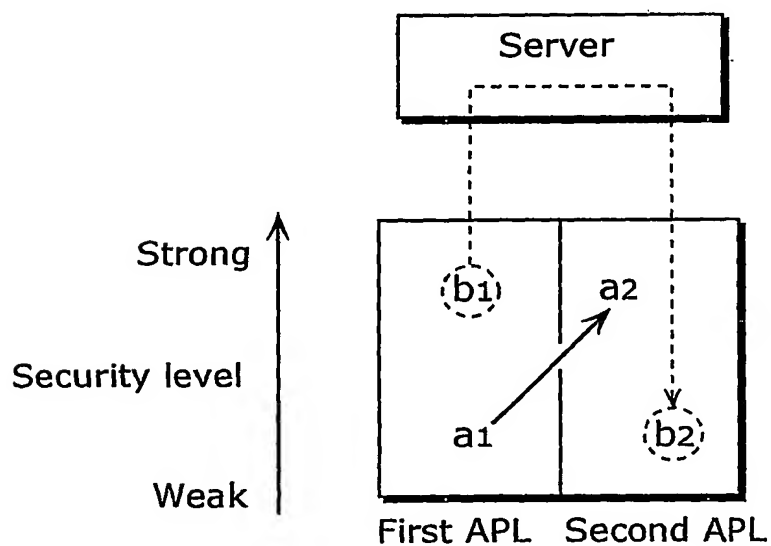


FIG. 16



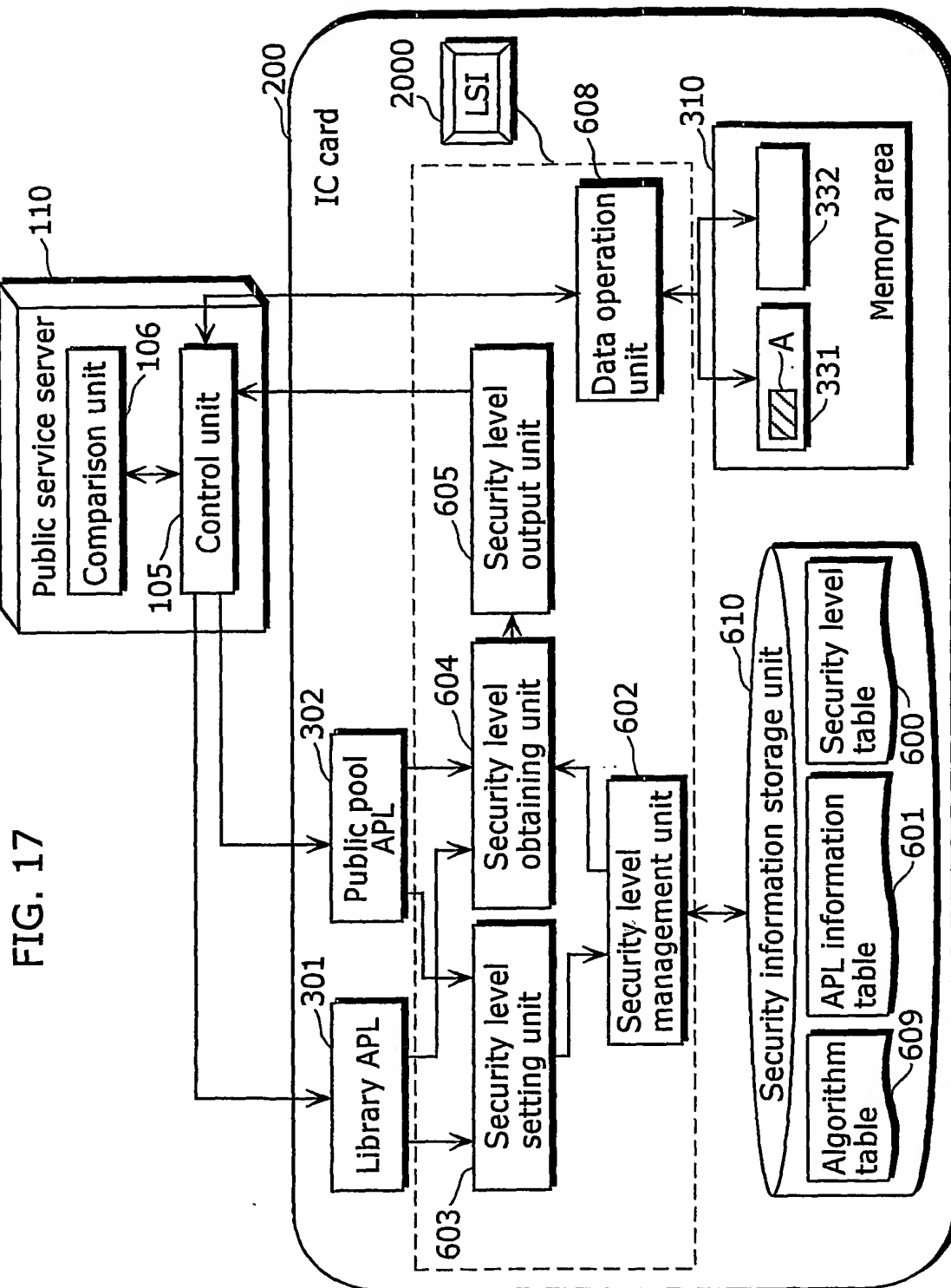


FIG. 18

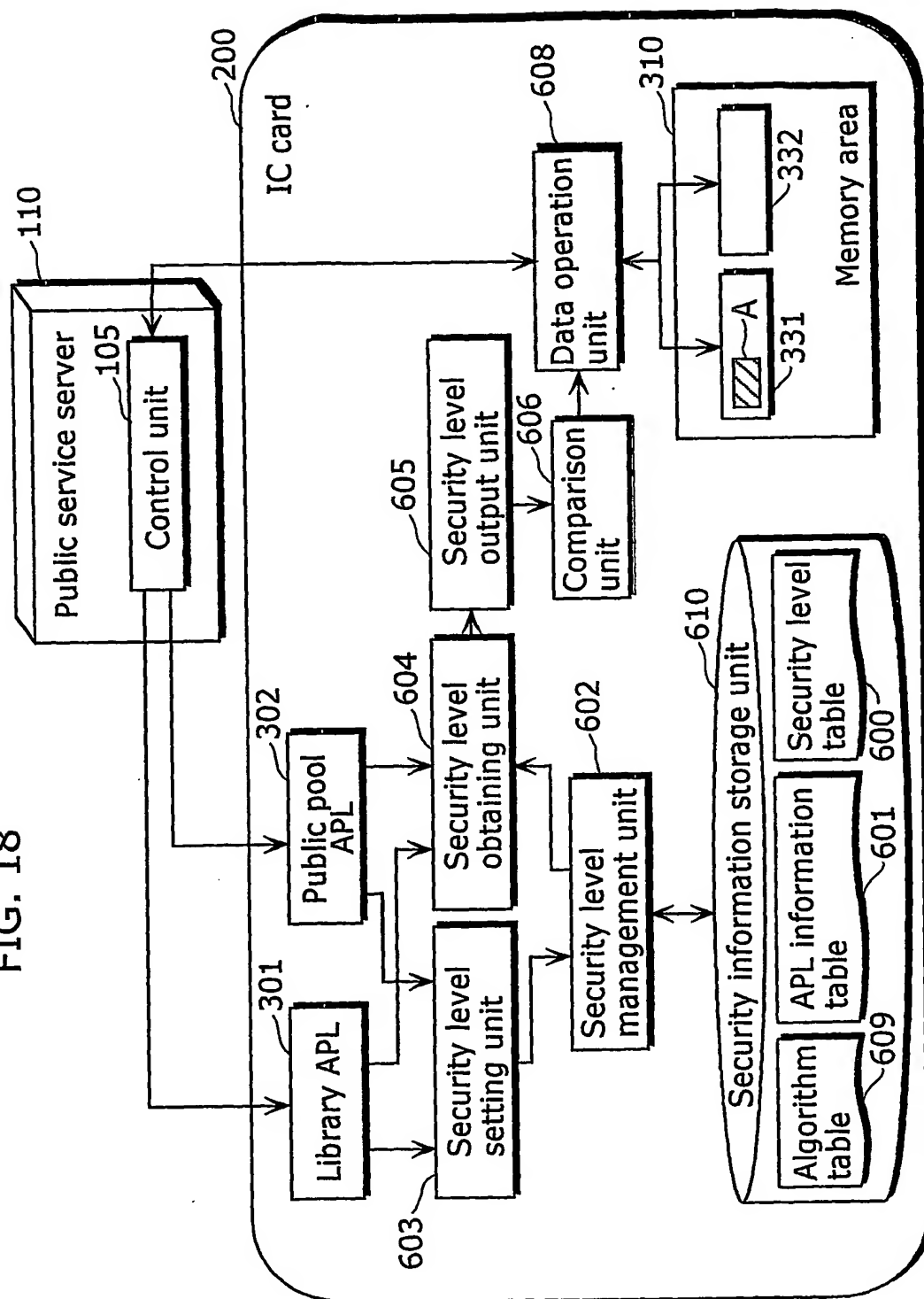


FIG. 19

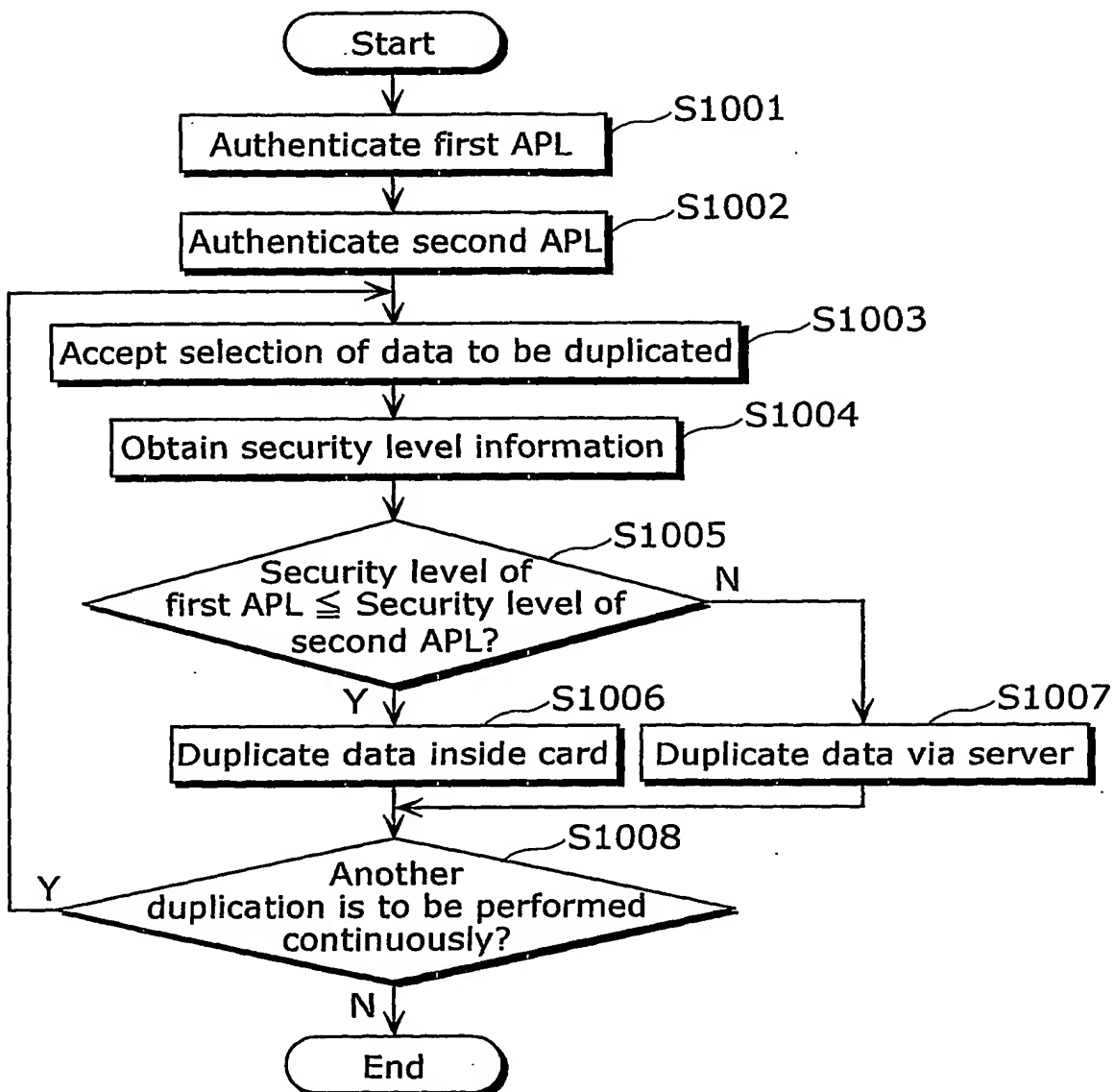


FIG. 20

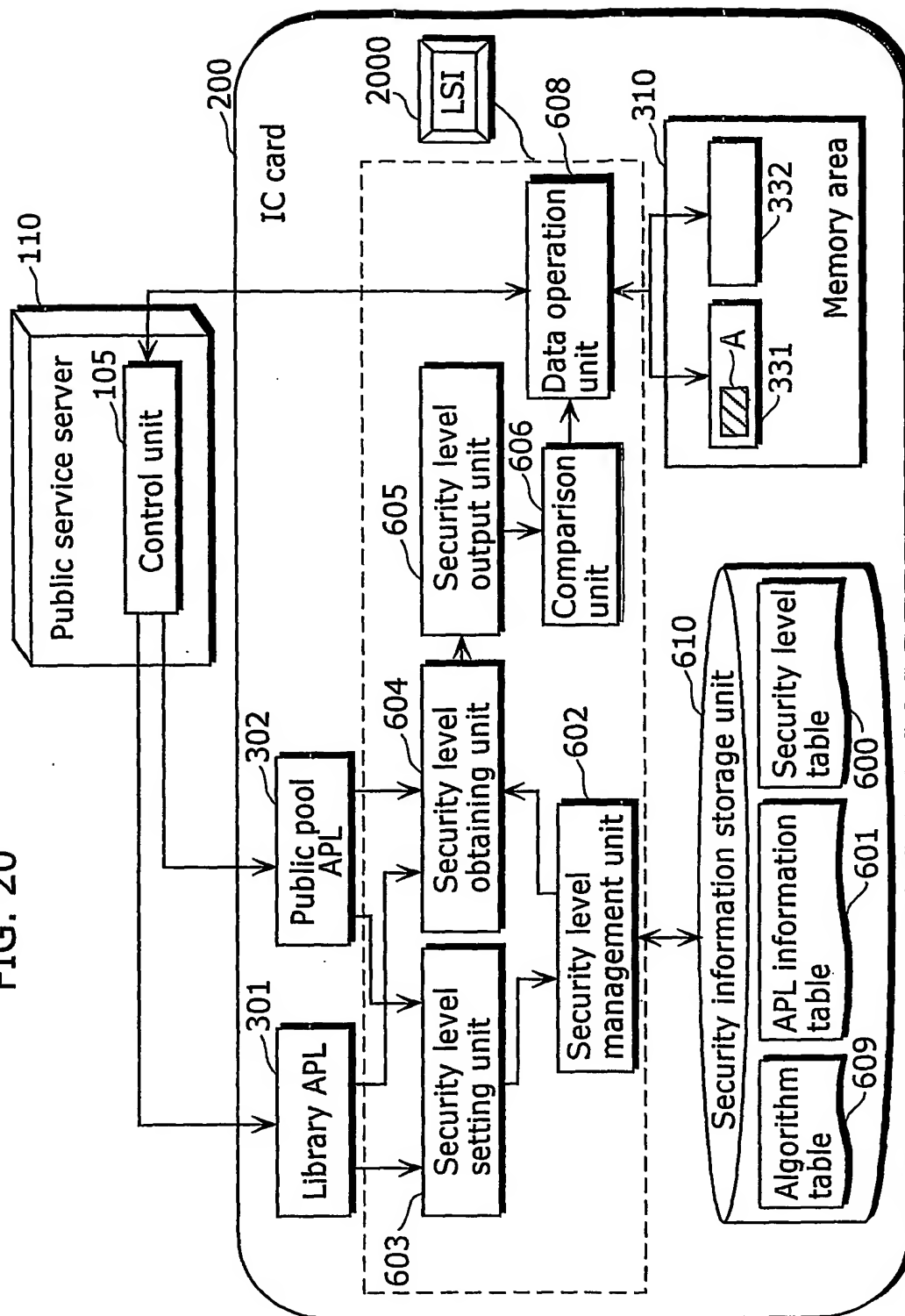


FIG. 21

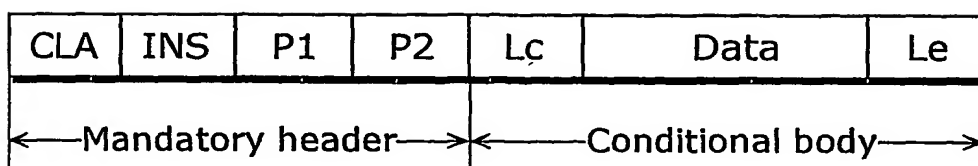


FIG. 22

| Command name | SELECT | READ RECORD | INTERNAL AUTHENTICATE |
|--------------|--------|---------------|-----------------------|
| CLA(1byte) | 00h | 00h | 00h |
| INS(1byte) | A4h | B2 | 88h |
| P1(1byte) | XXh | Record Number | 00h |
| P2(1byte) | 00h | XXh | 00h |

FIG. 23

| b8 | b7 | b6 | b5 | b4 | b3 | b2 | b1 | Meaning |
|----|----|----|----|----|----|----|----|--------------------------------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Select MF, DF and EF |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Select child DF |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | Select EF under current DF |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | Select parent DF of current DF |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | Direct selection by DF name |
| 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | Select from MF |
| 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | Select from current DF |
| | | | | | | | | Any other value: Not specified |

FIG. 24

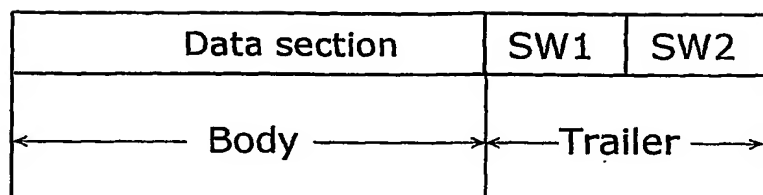


FIG. 25

| b8 | b7 | b6 | b5 | b4 | b3 | b2 | b1 | Meaning |
|----|----|----|----|----|----|----|----|----------------|
| 0 | 0 | 0 | 0 | | | | | Common command |
| 1 | 0 | 0 | 0 | | | | | Unique command |

FIG. 26A

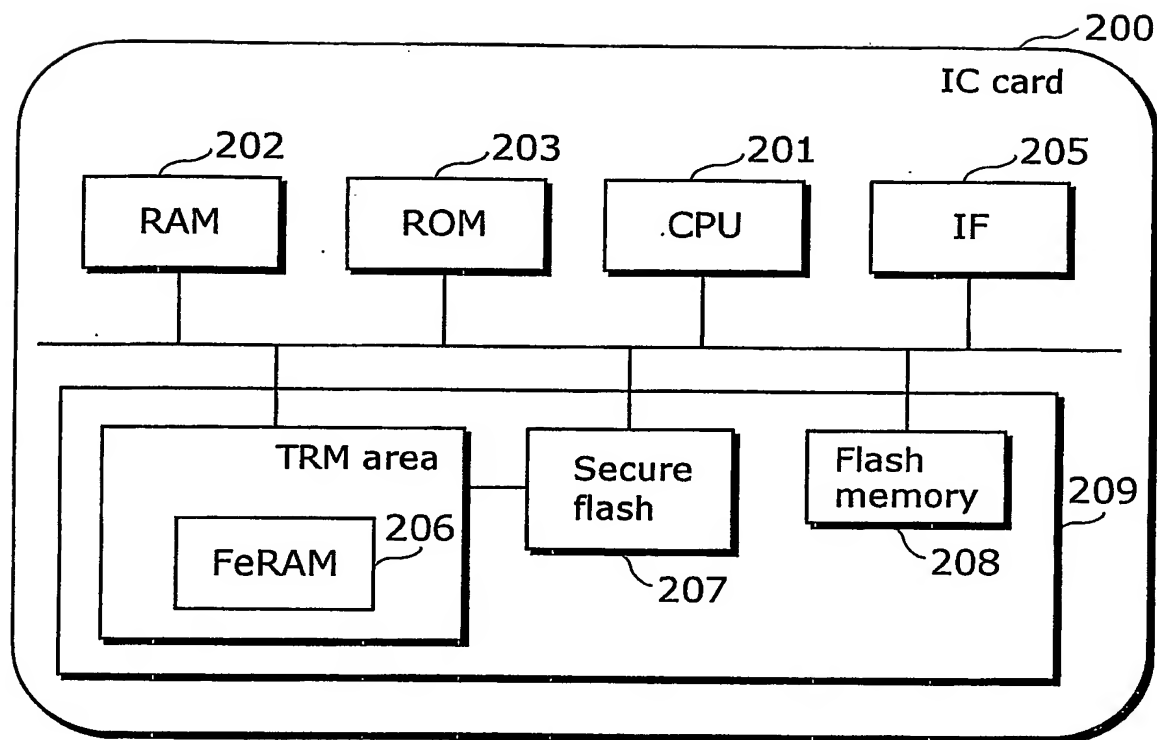


FIG. 26B

